

## Cultural Resource Enhancement Action Plan



### Introduction

Section 2306 of the HINMSA directs NOAA, in coordination with the State of Hawai'i, to develop a Sanctuary management plan that "facilitates all public and private uses of the Sanctuary (including uses Hawaiian natives customarily and traditionally exercised for subsistence, cultural, and religious purposes) consistent with the primary objective of the protection of the humpback whales and their habitat." The strategies contained in this action plan (Tables 10 and 11A/B and Figure 6) are devised to facilitate Native Hawaiian uses of the Sanctuary and to increase public understanding of Native Hawaiian practices and culture related to ocean use and conservation. A variety of education and research activities concerning Native Hawaiian uses, practices, and values are emphasized in the strategies presented below. The strategies are designed to support the Sanctuary's existing cultural education program, while developing new activities to further increase the program's scope and effectiveness. This plan addresses Goal 4, *Foster all uses of the Sanctuary compatible with protection of the humpback whales and their habitat (including uses Hawaiian natives customarily and traditionally exercised for subsistence, cultural, and religious purposes).*

### Outcomes and Performance Indicators

CRE Outcome 1: By the end of 2007, the Sanctuary will maintain and supplement its role in facilitating, fostering, and communicating Native Hawaiian uses and traditions, as indicated by:

- Increased awareness among Sanctuary users of Native Hawaiian culture related to the marine environment and humpback whales as measured by awareness surveys (first survey to be completed by the end of 2005).
- Development of curriculum materials and educational tools incorporating Native Hawaiian cultural values by the end of 2006.
- Increased participation of Native Hawaiian organizations and individuals in Sanctuary activities and products by the end of 2007.



Table 10: Summary of Cultural Resource Enhancement Strategies and Activities

Strategy	Activities
CRE-1: Conduct and facilitate Native Hawaiian events and traditions.	<p>A. Maintain ongoing efforts by the Sanctuary's Hawaiian Cultural Educator and other Sanctuary staff and partners to establish programs and activities that nurture a cultural awareness.</p> <p>B. Continue to develop curriculum and educational tools about the Hawaiian culture and its components within the Sanctuary.</p> <p>C. Continue to establish a working relationship with Native Hawaiian community organizations to promote the Sanctuary, its resources, and the Hawaiian culture.</p>
CRE-2: Nurture increased public awareness and appreciation of traditional Hawaiian values and practices related to ocean use, conservation, and respect for the ocean environment through additional education and outreach efforts.	<p>A. Identify and incorporate, whenever feasible, traditional Native Hawaiian resource management strategies into Sanctuary programs.</p> <p>B. Increase cooperative education programs and materials that educate, preserve, and perpetuate Native Hawaiian traditional knowledge, values, language, culture, resource uses, religion and spiritual significance.</p> <p>C. Encourage the sharing of knowledge between traditional cultural practitioners and scientists to better understand the marine environment through a Hawaiian cultural perspective.</p> <p>D. Recruit volunteers who specialize in the Hawaiian culture and its practices to develop an interpretive program.</p>

Figure 6: Timeframe of CRE Strategies and Activities

Strategy and Activity	2002	2003	2004	2005	2006	2007
<p><u>CRE-1: Conduct and facilitate Native Hawaiian events and traditions.</u></p> <p>A. Maintain ongoing efforts by the Sanctuary's Hawaiian Cultural Educator and other Sanctuary staff and partners to establish programs and activities that nurture a cultural awareness.</p> <p>B. Continue to develop curriculum and educational tools about the Hawaiian culture and its components within the Sanctuary.</p> <p>C. Continue to establish a working relationship with the Native Hawaiian community organizations to promote the Sanctuary, its resources, and the Hawaiian culture.</p>	↑	↑	↑	↑	↑	↑
<p><u>CRE-2: Nurture increased public awareness and appreciation of traditional Hawaiian values and practices related to ocean use, conservation, and respect for the ocean environment through additional education and outreach efforts.</u></p> <p>A. Identify and incorporate, whenever practicable, traditional Native Hawaiian resource management strategies into Sanctuary programs.</p> <p>B. Increase cooperative education programs and materials that educate, preserve, and perpetuate Native Hawaiian traditional knowledge, values, language, culture, resource uses, and religion.</p> <p>C. Encourage the sharing of knowledge between traditional cultural practitioners and scientists to better understand the marine environment through a Hawaiian cultural perspective.</p> <p>D. Recruit volunteers who specialize in the Hawaiian culture and its practices to develop an interpretive program.</p>	↑	↑	↑	↑	↑	↑



Table 11A: Estimated One Time Only Costs (in \$1000s) for CRE Strategies and Activities

Strategy and Activity	Personnel	Travel	Printing	Equipment & Supplies	Contract	One-Time Only Costs
<b>CRE-1 Facilitate Native Hawaiian events and traditions</b>						
CRE-1A Maintain efforts by Hawaiian Cultural Educator.	-	-	5.0	-	-	-
CRE-1B Continue to develop educational tools.	-	-	5.0	-	-	-
CRE-1C Continue relationships with Native Hawaiian community	-	-	1.0	-	-	-
<b>CRE-2 Nurture increased awareness of Hawaiian values and practices</b>						
CRE-2A Incorporate traditional practices into programs.	-	-	1.0	-	-	-
CRE-2B Increase cooperative cultural education programs.	-	-	3.0	-	-	-
CRE-2C Encourage the sharing of traditional knowledge.	-	-	-	-	-	-
CRE-2D Recruit Hawaiian culture volunteers.	-	-	-	-	-	-

Table 11B: Estimated Annual Costs (in \$1000s) for CRE Strategies and Activities

Strategy and Activity	Personnel	Travel	Printing	Equipment & Supplies	Contract	Avg. Annual Costs
<b>CRE-1 Facilitate Native Hawaiian events and traditions</b>						
CRE-1A Maintain efforts by Hawaiian Cultural Educator.	54.0	5.0	5.0	-	25.0	89.0
CRE-1B Continue to develop educational tools.	15.0	1.0	5.0	-	25.0	46.0
CRE-1C Continue relationships with Native Hawaiian community	15.0	2.0	1.0	-	10.0	28.0
<b>CRE-2 Nurture increased awareness of Hawaiian values and practices</b>						
CRE-2A Incorporate traditional practices into programs.	10.5	1.0	1.0	-	10.0	22.5
CRE-2B Increase cooperative cultural education programs.	10.5	5.0	3.0	-	10.0	28.5
CRE-2C Encourage the sharing of traditional knowledge.	10.5	6.0	-	-	10.0	26.5
CRE-2D Recruit Hawaiian culture volunteers.	6.0	3.0	-	-	-	9.0



## Strategies

### CRE-1: CONDUCT AND FACILITATE NATIVE HAWAIIAN EVENTS AND TRADITIONS

#### Strategy Summary

Continued support of established functions, projects, and activities of the Hawaiian Cultural Education Program will further promote understanding and appreciation of the Hawaiian culture (including its language) through education, research, public involvement in cultural activities, and events. The program will expand its reach to a wide spectrum of the public, including visitors, students, educators, and researchers. Continued emphasis will be placed on establishing cooperative education and outreach programs with Native Hawaiian groups and on developing programs that educate the general public about Native Hawaiian traditions, culture, resource uses, and religion as they relate to Hawai'i's marine environment.

This strategy addresses Objective 4.2, to work with the Native Hawaiian community to identify customary and traditional uses of the marine environment and educate the general public about these uses.

#### Activities

Activity A: Maintain ongoing efforts by the Sanctuary's Hawaiian Cultural Educator and other Sanctuary staff and partners to establish programs and activities that nurture a cultural awareness based upon the Native Hawaiian tradition of respect for the ocean and its resources with emphasis on the humpback whale.

Through community lectures, brochures, interpretive signage, and other products and activities, Native Hawaiian culture has been integrated with the Sanctuary's education and outreach efforts. These successful existing products and activities, refined and adapted as needed, will be continue to be key components of the Cultural Resources Enhancement Action Plan.

Activity B: Continue to develop curriculum and educational tools about the Hawaiian culture and its components within the Sanctuary.

Activity books and other elementary grade level educational materials have been developed during the first five years of Sanctuary operation. These materials will be enhanced and augmented during this plan implementation period to reach a broader range of students and to expand the scope of educational standards addressed. Optimal effectiveness in these efforts will be promoted via close consultation with the State Department of Education and other education experts.

Activity C: Continue to establish a working relationship with Native Hawaiian community organizations to promote the Sanctuary, its resources, and the Hawaiian culture.

In developing the products and activities mentioned above, the Sanctuary has established formal and informal collaborative relationships with several Native Hawaiian groups and individual Hawaiian cultural practitioners. Existing relationships will be maintained and new relationships will be developed to increase the reach and effectiveness of Hawaiian cultural resource enhancement.





### Estimated Timeframe

See Figure 6 for an overview of the anticipated scheduling of these activities. In general each of the activities in this strategy are expected to take the following amounts of time:

- Activity A: throughout the plan period.
- Activity B: throughout the plan period
- Activity C: throughout the plan period.

### Estimated Costs

See Table 11 for an overview of the anticipated costs of these strategies.

### Products

- Education and outreach products and activities
- Native Hawaiian curriculum

### Partners

- Native Hawaiian individuals and organizations
- Hawaiian Immersion Schools
- University of Hawai'i System
- Hawai'i Department of Education
- Sanctuary Advisory Council

### Related Strategies

- NRP-3: Obtain and share relevant information on Sanctuary uses, use policies, and regulations.
- NRP-5: Develop and implement a process that identifies and evaluates resources for possible inclusion in the Sanctuary.
- EO-1: Assess, enhance, and implement existing education and outreach programs.
- AD-2: Enhance opportunities for Sanctuary Advisory Council participation in planning, education, research, and other appropriate activities.



## **CRE-2: NURTURE INCREASED PUBLIC AWARENESS AND APPRECIATION OF TRADITIONAL HAWAIIAN VALUES AND PRACTICES RELATED TO OCEAN USE, CONSERVATION, AND RESPECT FOR THE OCEAN ENVIRONMENT THROUGH ADDITIONAL EDUCATION AND OUTREACH EFFORTS**



### Strategy Summary

The Sanctuary will develop and sustain projects and activities that highlight elements of Hawaiian culture related to the ocean and humpback whales that previously have not been strongly emphasized. This strategy will expand the scope of the Hawaiian Cultural Education Program to include education and research that promote improved awareness and consideration of traditional ecological knowledge and natural resource management systems. The activities below will also entail developing cooperative education programs and materials, promoting dialogue between Hawaiian practitioners and scientists, and fostering enhanced participation of Sanctuary volunteers.

This strategy addresses Objective 4.2, to work with the Native Hawaiian community to identify customary and traditional uses of the marine environment and educate the general public about these uses.

### Activities

Activity A: Identify and incorporate, whenever practicable, traditional Native Hawaiian resource management strategies (such as the *kapu* system and the *ahupua'a* system) into Sanctuary management and education and outreach programs.

Native Hawaiian traditions of natural resource management hold great promise in fostering sustainable resource use in modern times and are increasingly invoked and incorporated in contemporary management efforts. The Sanctuary will expand existing understanding and awareness of cultural constructs such as *kapu* (temporary or permanent prohibition of certain activities) and *ahupua'a* (land division extending from the mountains to the sea) and examine their applicability in Sanctuary management activities. The Sanctuary will also consult with Hawaiian *kāpuna* (elders) and cultural practitioners to develop protocols to be followed when conducting various activities that allow for the maximum level of inclusion and respect for Hawaiian cultural traditions and customs. Activities that will be affected by these protocols include responding to whale strandings and disposing of whale remains resulting from strandings and other mortality events.

Activity B: Increase cooperative education programs and materials that educate, preserve, and perpetuate Native Hawaiian traditional knowledge, values, language, culture, resource uses, religion, and spiritual significance as they relate to Hawai'i's marine environment.

These programs will be developed and implemented in close consultation with Native Hawaiian individuals and groups. Efforts may include working with community based organizations that concentrate on the Hawaiian culture and the marine environment, investigating and creating a database of and Native Hawaiian resources such as chants, stories, myths, legends, place names, and oral histories concerning the marine environment, and translation of Sanctuary education materials into the Hawaiian language.





Activity C: Encourage the sharing of knowledge between traditional cultural practitioners and scientists to better understand the marine environment through a Hawaiian cultural perspective to better educate the public about the culture.

This activity is intended to foster a mutually beneficial exchange of information and ideas between Hawaiian cultural practitioners and resource managers, researchers and educators who draw on Western scientific traditions. Through facilitated and culturally appropriate dialogue and information exchange, the Sanctuary will examine and promote the proper utilization of Hawaiian traditional ecological knowledge. This knowledge, such as that associated with ocean navigation and ocean-based place names, has been developed over numerous generations of intimate interaction with Hawai'i's unique natural environment and may offer insights for improved ecological understanding and management hitherto unrealized through Western science.

Activity D: Recruit volunteers who specialize in the Hawaiian culture and its practices to develop an interpretive program, which focuses on the preservation and perpetuation of traditional knowledge of the culture and its language including a SAC subcommittee or working group who will advise the Sanctuary on traditional knowledge.

The Sanctuary recognizes that Hawaiian cultural traditions related to ocean resource use and conservation may only be perpetuated via their ongoing practice by Hawaiian cultural practitioners in the appropriate cultural context. This activity is intended to build a group of *kūpuna* (elders) and other cultural experts who find benefit and utility in working with Sanctuary staff and volunteers on projects and activities related to Hawaiian cultural enhancement. In addition to highlighting the Hawaiian language as a means of cultural perpetuation, experiential, hands-on knowledge sharing activities will be promoted to address elements of Hawaiian culture not readily understood through verbal communication.

### Estimated Timeframe

See Figure 6 for an overview of the anticipated scheduling of these activities. In general, each of the activities in this strategy are expected to take the following amounts of time:

- Activity A: throughout the plan period.
- Activity B: throughout the plan period.
- Activity C: throughout the plan period.
- Activity D: throughout the plan period.

### Estimated Costs

See Table 11 for an overview of the anticipated costs of these strategies.





### Products

- New and revised cultural education and outreach materials (brochures, posters, signage, etc.).
- Interpretive volunteer program with emphasis on the Hawaiian culture.
- SAC working group or subcommittee on traditional knowledge.
- Partnerships with other Native Hawaiian organizations and individuals.
- Database of Native Hawaiian stories, myths, legends, and place names.
- Educational materials translated into the Hawaiian language.

### Partners

- Native Hawaiian individuals and organizations
- Hawaiian cultural educators/specialists
- University of Hawai'i – Hawaiian Studies Department
- Bishop Museum and other cultural organizations
- Sanctuary Advisory Council

### Related Strategies

- NRP-3: Obtain and share relevant information on Sanctuary uses, use policies, and regulations.
- NRP-5: Develop and implement a process that identifies and evaluates resources for possible inclusion in the Sanctuary.
- EO-1: Develop and implement an education/interpretation plan.

